

## ***BLACK ENGINEER OF THE YEAR FOR 2005***

The Black Engineer of the Year is chosen from the top nominations in the Professional Achievement or Outstanding Technical Contribution Category. Professional Achievement is a person with or without an engineering degree who has been working professionally for more than five years and has made significant achievement in his/her field. Outstanding Technical Contribution is a person with or without an engineering degree who has designed, developed, managed or assisted in the development of a product, service, system, or intellectual property that is a substantial achievement in his/her field. (Due to NAWCAD HRO Atten: NAVAIR Awards Administrator on or about 06 Sep 2005).

### **BLACK ENGINEER OF THE YEAR AWARDS CATEGORIES AND DESCRIPTIONS**

#### **Professional Achievement**

A highly experienced, mid-career professional who has made significant achievements in a science, engineering, or technology title in industry or government. Here, the specific degree earned is less relevant than the significance of the work and the nominee's achievements as a role model and leader for other minorities in the field. Nominees will be considered separately for Professional Achievement in Government and Industry.

The nomination package should show:

1. The uniqueness of nominee's obtained goal
2. The discipline required to achieve the nominee's level of performance
3. The nominee's triumph over obstacles in the field
4. The nominee's potential as a role model for youth

#### **Career Achievement**

A person at or beyond the midpoint of his or her career but not close to retirement age, who has made significant achievements in engineering titles in industry or government. Here again, the committee looks less at the degrees earned than at the body of work by the nominee, its broad, social and economic value and impact, and the nominee's performance as a role model and mentor for minorities in technology. Nominees will be considered separately for Career Achievement in Industry and Government.

The nomination package should show:

1. The uniqueness of the nominee's obtained goal
2. The discipline required to achieve the nominee's level of performance
3. The nominee's triumph over obstacles in the field
4. The nominee's potential as a role model for youth

#### **Outstanding Technical Contribution**

A person performing technological functions who has designed, developed, managed, or assisted in the development of a product, service, system, or intellectual property that is a substantial achievement in the field. The overall impact of the technological achievement is the prime consideration, regardless of title or degrees earned. The committee is looking for broad impact and high value to society as a whole. Nominees will be considered separately for Outstanding Technical Contribution in Government and Industry.

The nomination package should show:

1. The uniqueness of the development
2. The innovation of the development
3. The uniqueness of the design
4. The social and/or economic value of the development

#### **Affirmative Action**

A person who has demonstrated efforts to promote affirmative action in the approach of his or her organization or small-business equivalent to Black advancement in education, job promotion, small-business development, and community activities. Successful candidates may lead small-business purchasing and support small-business development and entrepreneurship, as well as human resources initiatives.

The nomination package should show:

1. The nominee's effectiveness at attracting minorities to the organization
2. The nominee's success in improving the organization's policies of hiring and retaining minorities or promoting minority businesses
3. The nominee's contributions to affirmative action or small-business development

#### **Education**

This category contains the following sub-categories: Promotion of Higher Education, College Level, Elementary/Secondary Level, and Corporate Promotion of Education. Here, the committee looks at the nominee's participation in promoting minority educational advancement by means that can serve as examples to others. The breakdowns are as follows:

##### **Promotion of Higher Education**

Given annually to an educator who either sets new standards of excellence

teaching or opens the way to better access to higher education for minorities. The selectee may be a professor, an administrator, or an organizer of initiatives to promote better funding and industry support for African-American undergraduate and graduate students.

#### College Level

A collegiate faculty or administrative staffer who has demonstrated a strong commitment to preserving superior engineering, scientific, and technical education programs.

The nomination package should show:

1. The success of the programs at the nominee's school
2. The timeliness of the programs to the needs of society and the corporate and public sectors
3. The nominee's effectiveness in generating interest in engineering among minorities
4. The impact on under-served minorities seeking careers in science and engineering

#### Elementary/Secondary Level

A teacher or educational curriculum planner who has demonstrated a strong commitment to enhancing minorities' opportunities to participate in science and engineering through exemplary teaching and outreach activities and through promotion of scientific and technical education programs.

The nomination package should show:

1. The success of the programs at the nominee's school
2. The timeliness of the programs to the needs of society and the corporate and public sectors
3. The nominee's effectiveness in generating interest in engineering among minorities
4. The impact on under-served minorities seeking careers in science and engineering

#### Corporate Promotion of Education

A corporate manager of education programs or other staffer from private enterprise who demonstrates an exemplary commitment to enhancing the opportunities for minorities in technology careers through education.

The nomination package should show:

1. The success of the programs at the nominee's company
2. The impact of the programs on schools, colleges, and universities with which the nominee's company interacts
3. The timeliness of the programs to the needs of society and the corporate and public sectors
4. The impact on under-served minorities seeking careers in science and engineering at the nominee's company and elsewhere
5. The nominee's effectiveness in generating interest about engineering among minorities

#### Community Service

A person who has demonstrated leadership in the Black science engineering and technology community through volunteer work, contributions, and other activities that are not included in his or her job.

The nomination package should show:

1. The nominee's potential as a role model
2. The time and energy the nominee devotes to serving the community
3. The nominee's efforts to promote engineering or other professional development through community service

#### Student Leadership

An undergraduate student who has demonstrated leadership in engineering through personal accomplishments and developments and has promoted science, technology, and Black self-reliance. Nominees will be considered separately for student leadership as undergraduates and as graduate students.

The nomination package should show:

1. The nominee's extracurricular activities
2. The nominee's academic achievements
3. The nominee's potential to serve as a role model for minority youth
4. The nominee's positive effect on opportunities for future students
5. The uniqueness of the nominee's contributions

#### Most Promising Engineer or Scientist

A person must be an engineer or scientist, in the early years of his or her career, who demonstrates tremendous potential for future technical contributions.

The nomination package should show:

1. The uniqueness of the nominee's contributions to the organization
2. The nominee's leadership abilities and initiative
3. The nominee's professional and technical achievements
4. The nominee's potential for advancement

#### Technical Sales and Marketing

A person combining technical expertise with marketing skills in a high-level position. The selectee not only sells the products of cutting-edge technology, but also participates in development of product lines and marketing plans on a national and international scale.

The nomination package should show:

1. The nominee's deep understanding of technology, regardless of degrees earned
2. The nominee's extensive background in marketing the technology
3. Major roles the nominee has played in product decisions, market strategy, and pricing decisions
4. Major impact the nominee has made on the company's profitability

#### The Black Engineer of the Year Award

is an award for overall leadership as well as for technological achievement. The Black Engineer or Scientist of the Year is selected from the top candidates submitted in all categories. The selectee will be a leader working in any area of science, engineering, or technology, whether that person is primarily involved in research, technology development, or technology management.

Engineering has changed greatly over the last several decades, so that today's engineer must be prepared to integrate scientific knowledge and engineering techniques from multiple disciplines to succeed. Computers and the economy have so reshaped the engineer's work that today's technology leaders frequently find themselves managing multi-skilled teams and wrestling with complex business, financial, and legal problems to accomplish their goals. What the Selection Panel is looking for here is a person whose activity, responsibilities, and visibility allow him or her to demonstrate leadership on a broad front.

#### The Deans' Award

goes to an HBCU graduate whose work demonstrates exceptional merit.

#### The Chairman's Award

goes to an individual of high personal achievements who has made a major impact on a company's products and profits and has broad managerial reach.

#### Lifetime Achievement Award

is the Selection Panel's recognition of mountains conquered in the quest to be the best, a lifetime of major milestones in the struggle to demonstrate by personal example the positive results of opening up access for minorities in the technology enterprise.

#### Visionary Award

is given to a person whose lifetime performance marks a career that affects many others' careers. The awardee, selected by the Subcommittee is one of that handful of extraordinary men and women who have the imagination to see the world in a brand new light and have the energy and persistence to push forward until others see it, too.

#### NOMINATION FORM

Complete this nomination form today, gather the supporting documents, and enter your friends, family, or employees into this international competition.

#### NOMINATION REQUIREMENTS

In all categories, letters of recommendation from managers and executives within the hierarchy of the nominee's sponsoring organization, consideration of the impact of the nominee's responsibilities, effect of the nominee's achievements on the company or facility, breadth of community outreach activities, and effect on other minorities seeking science and technology careers are very important. Letters describing responses by community leaders and other interested parties to the nominee's activities and achievements also will be considered.

Please include the following:

1. Cover letter
2. Current biography or resume
3. Full job description or curriculum vitae
4. Papers and articles by and about the nominee
5. Letters of recommendation
6. Recent photograph in color and in black and white
7. Other supporting materials

Conference Dates: TBD <http://www.blackengineeroftheyear.com/>

Nominee's Name: \_\_\_\_\_

TITLE: \_\_\_\_\_

Organization: \_\_\_\_\_

Business Address: \_\_\_\_\_

City: \_\_\_\_\_ State Zip \_\_\_\_\_

Business Telephone: \_\_\_\_\_

Business Fax: \_\_\_\_\_

E-mail \_\_\_\_\_

Home Address: \_\_\_\_\_  
City: \_\_\_\_\_ State Zip \_\_\_\_\_  
Home Telephone: \_\_\_\_\_  
Years of Professional Experience: \_\_\_\_\_

Recommendation Form

(Please print, or attach business card)

I am personally acquainted with the nominee. I hereby endorse the nomination.

Nominator's Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State Zip \_\_\_\_\_  
Telephone: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Signature: \_\_\_\_\_

Please Check One

Professional Achievement

(more than 5 years)

☐ Industry

☐ Government

Career Achievement

☐ Industry

☐ Government

Outstanding Technical Contribution

☐ Industry

☐ Government

Deadline for submitting nomination applications  
for the 2004 Black Engineer of the Year Awards is:  
September 30, 2004.

Education

☐ Promotion of Higher Education

☐ College Level

☐ Elementary/Secondary Level

☐ Corporate Promotion

☐ Affirmative Action

☐ Entrepreneur

☐ Community Service

☐ Most Promising Engineer or Scientist

☐ Student Leadership

☐ Technical Sales and Marketing

If you wish to make additional nominations, please duplicate this form. Send to:

Career Communications Group, Inc.

729 E. Pratt Street, 5th Floor

Baltimore, Maryland 21202

Phone: 410/244-7101

Fax: 410/752-1837

Visit <http://www.blackengineeroftheyear.com/> for detailed descriptions of the awards categories.

We will keep your completed nomination package on file for two years. Nominees may be considered for future CCG events.